Client's ref.: ND-P0053-US-AP/October 21, 2003 Our ref: 0741-8251us/final/Renee/Steve

5

## ABSTRACT OF THE DISCLOSURE

A pressure chamber of a piezoelectric ink jet print head and a fabrication method thereof. The pressure chamber comprises a substrate, a concave chamber formed on the substrate, having an opening of a relatively large sectional area and a bottom of a relatively small sectional area, a vibrating plate formed above the concave chamber, and a piezoelectric unit on the vibrating plate.